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Product Specifications

AlF₃

Catalogue Number 24470

Product

Aluminum fluoride

Aluminum trifluoride

Trifluoroaluminum

CAS Number 7784-18-1

Molecular Formula AlF₃

Molecular Weight 83.98

Appearance White powder

Bulk density > 1.3 kg/liter

Anion Sulphates as SO₃ : ≤ 0.50%
Phosphorous as P₂O₅ : ≤ 0.02%

Cation Silica as SiO₂ : ≤ 0.015%
Iron as Fe₂O₃ : ≤ 0.015%

Particle Size Sieve size +100 mesh : ≤ 10%
Sieve size +200 mesh : 60 - 65%
Sieve size +325 mesh : 25-30%
Sieve size -325 mesh : ≤ 10%

Related Substances Al₂O₃ + Na₂O (by difference) : ≤ 9%

Assay ≥ 90% (Total F as AlF₃)

Storage Store at RT

Additional Information Loss on ignition : ≤ 1% at 550 °C

For Laboratory Use Only